

AIR-BAG SUSPENSION SYSTEM

ABSTRACT OF THE DISCLOSURE

5 A suspension system for a motorcycle, comprising a
motorcycle main frame, a swing arm pivotally mounted to the
motorcycle main frame about a pivot axis, and an air-bag
suspension system. The air-bag suspension system includes at
least one air-bag constructed of an elastomeric material. The
air-bag is housed within a housing assembly and is secured at
10 one end to a piston located within the housing assembly and at
its other end to an upper plate or end cap of the housing
assembly. The housing assembly is attached to a shock
absorber, and the shock absorber is attached at its forward
end to the cross member plate of the motorcycle main frame and
15 is pivotally attached at its rearward end to the lower
transverse cross member of the swing arm.